

What is claimed is:

1. A hung window comprising:
a frame;
an upper sash mounted in the frame and slidable therein;
a lower sash mounted in the frame and slidable therein;
5 a pair of pulleys mounted in the frame;
a cable having a first end connected to the upper sash and a second end connected
to the lower sash, said cable being routed over said pair of pulleys wherein lifting said
lower sash causes said upper sash to be lowered.
2. A window, as claimed in Claim 1, wherein:
a weight of said lower sash is adjusted to balance a weight of said upper sash
thereby optimizing an amount of force required to lift the lower sash.
3. A window, as claimed in Claim 1, wherein:
said lower sash and said upper sash are approximately equal in weight.
4. A window, as claimed in Claim 1, wherein:
said pair of pulleys are spaced from one another horizontally within the frame.
5. A window, as claimed in Claim 1, wherein;
said upper sash includes a lower frame support ;
said lower sash includes a lower frame support; and

said cable attaches to said upper and lower sashes at said respective lower frame
5 supports thereof.

6. A window, as claimed in Claim 1, wherein:

said cable has means attached at both ends thereof for adjusting a length of the
cable spanning between said upper sash and said lower sash.

7. A hung window comprising:

a frame;

an upper sash mounted in the frame and slidable therein;

a lower sash mounted in the frame and slidable therein;

5 a cable having a first end connected to said upper sash and having a second end
connected to said lower sash; and

means mounted in said frame for enabling simultaneous movement of said upper
and lower sashes, wherein lifting said lower sash results in said upper sash being lowered.

8. A hung window comprising:

a frame having a pair of spaced and substantially parallel vertical frame members,
and a pair of horizontally extending frame members interconnecting said vertical frame
members;

5 an upper sash mounted in a first channel of the frame and slidable therein;

a lower sash mounted in a second channel of the frame and slidable therein;

a first pair of pulleys mounted in one vertical frame of said pair of vertical frame members;

10 a second pair of pulleys mounted in the second vertical frame of said pair of vertical frame members;

a first cable having a first end connected to one lateral edge of said upper sash and having a second end connected to an adjacent lateral edge of said lower sash, said first cable being routed over said first pair of pulleys;

15 a second cable having a first end connected to the opposite lateral edge of said upper sash and having a second end connected to the opposite lateral edge of said lower sash, said second cable being routed over said second pair of pulleys; and

wherein lifting said lower sash causes said upper sash to be lowered and said cables remain in tension during movement of said sashes by rotation of said pairs of pulleys.

9. A method of variably and selectively opening a window comprising the steps of:

providing a window construction including a frame, an upper sash mounted in said frame and slidable therein, a lower sash mounted in said frame and slidable therein,
5 at least one pair of pulleys mounted in said frame, at least one cable having a first end connected to said upper sash and having a second end connected to said lower sash, said cable being routed over said pair of pulleys;

grasping said lower sash; and

exerting a force in an upward direction to lift said lower sash to a height thereby
10 creating a desired opening between said lower sash and a sill of the window, wherein said
exerting step simultaneously results in lowering of said upper sash thereby creating an
additional opening defined between an upper frame member of said frame and said upper
sash.

10. A method, as claimed in Claim 9, further including the step of:
selectively balancing the weight of the upper sash with respect to the lower sash
thereby optimizing an amount of force necessary to raise the lower sash.

11. A method, as claimed in Claim 9, wherein:
said upper sash and said lower sash travel equal distances with respect to one
another.

12. A method, as claimed in Claim 9, wherein:
said lower sash travels a further distance than said upper sash.

13. A method, as claimed in Claim 9, wherein:
said upper sash travels a further distance than said lower sash.

14. A hung window comprising:

a frame;

an upper sash mounted in the frame and slideable therein;

a lower sash mounted in the frame and slideable therein; and

5 means for transmitting an applied force between the sashes thereby enabling said sashes to move simultaneously when a force is applied to one of the sashes, said means for transmitting force being mounted in said frame.